

**Annual Drinking Water Quality Report**  
**Edgecombe Water and Sewer**  
**PWSID: 04-33-050**

We're very pleased to provide you with our Annual Quality Water Report for the year 2008. We want to keep you informed about the water and services we have delivered to you.

As previously informed, positive Total Coliform samples were taken on September 22, 2008. We notified the public by way of television and mail. We immediately retested positive samples sites the same day of notification and all samples came back negative of any Coliform bacteria. We have since then operated without any violations.

Our goal is to provide to you a safe and dependable supply of drinking water and we are committed to this endeavor. Our water is purchased from the City of Rocky Mount and the Town of Tarboro which is treated surface water from the Tar River.

**We also have the City of Rocky Mount's Annual Drinking Water Report and the Town of Tarboro's Annual Drinking Water Report for your review upon request at our office located in the county building at 201 St. Andrew St. in Tarboro, N.C.**

If you have any questions about this report or concerning your water utility, please contact Edgecombe Water and Sewer, (252) 823-3042 Attn; Mr. Michael Matthews., or come by and visit at 201 St. Andrew St. Tarboro, N.C.,. We want our valued customers to be informed about their water utility. If you want to learn more visit our website at: [www.edgecombecountync.gov](http://www.edgecombecountync.gov) , also you may attend any of our regularly scheduled District Board meetings held on the first Monday of each month at 2:00 p.m. in the Board of Commissioners room, located at 201 St. Andrew St. Tarboro, N.C.

In this document you will find terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

***Not applicable (N/A)***

***Non-Detects (ND)*** - laboratory analysis indicates that the constituent is not present.

***Parts per million (ppm) or Milligrams per liter (mg/l)*** - one part per million corresponds to one minute in two years or a single penny in \$10,000.

***Parts per billion (ppb) or Micrograms per liter*** - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

***Picocuries per liter (pCi/L)*** - picocuries per liter is a measure of the radioactivity in water.

***Nephelometric Turbidity Unit (NTU)*** - nephelometric turbidity unit is a measure of the clarity of water.

Turbidity in excess of 5 NTU is just noticeable to the average person.

***Action Level (AL)*** - the concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, which a water system must follow.

***Treatment Technique (TT)*** - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

***Maximum Contaminant Level*** - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

***Maximum Contaminant Level Goal*** - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

**Educational Information**

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791. Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These

people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the: Safe Drinking Water Hotline (800-426-4791).

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\* The State allows us to monitor for some contaminants less than once per year because the concentrations do not change frequently. Some of our data may be more than one year old.

Substance	Year Sampled	MCL	MCLG	Amount Detected	Range Low-High	Violation	Typical Source
Total Coliform	2008	Y	0	5	NA	Y	Naturally present in environment
THM's	2008	0.080	NA	0.074	0.063-0.074	N	By-product of drinking water chlorination
Copper (ppm)	2007	AL = 1.5	0.277	<0.277	0.050-0.277	N	Corrosion of house-hold plumbing; erosion of natural deposits;
Lead (ppm)	2007	AL = .015	0.015	0.003	NA	N	Crossing of house- hold plumbing systems; erosion of natural deposits

**En Espanol**

Este folleto tiene informacion importante acerca de las calidad del agua provee la Edgecombe Water and Sewer. Si tiene preguntas acerca de la calidad del agua, llame al Edgecombe Water and Sewer at 252-823-3042 durante las horas de trabajo, 8:00 am – 5:00pm.

**Edgecombe County Mission Statement**

The Edgecombe County Water Departments mission is to provide, operate and maintain a public water supply system with its customer's health, safety and well-being as its first priority.

**City of Rocky Mount Detection Table**

<u>Substance</u>	<u>Year Sampled</u>	<u>MCL</u>	<u>MCLG</u>	<u>Detected</u>	<u>Range</u>	<u>Violation</u>	<u>(MRDL)</u>	<u>(MRDLG)</u>	<u>Amount</u>
Chloramines (ppm)	2008	(4)	(4)	2.5	ND-4	N			
Chlorine (ppm)	2008	(4)	(4)	3.0	0.1-4.0	N			
Fluoride (ppm)3	2008	4	4	0.78	ND-1.4	N			
Haloacetic Acids (HAAs) (ppb)	2008	60	NA	25	4-59	N			
TTHMs (Total Trihalomethanes) (ppb)	2008	80	NA	62	33-116	N			
Total Coliforms <sup>3</sup> % positive samples	2008	5% positive	0	1.6	NA	N			
Total Organic Carbon [TOC] <sup>3</sup> (ppm)	2008	TT	NA	2.3	1.8-2.7	N			
Turbidity (NTU)	2008	TT = 1 NTU	NA	0.29	0.07-0.29	N			
Turbidity (Lowest Monthly %)	2008	TT= 1 NTU	NA	100	NA	N			

**Town of Tarboro Detection Table**

<u>CONTAMINANT</u>	<u>MCL</u>	<u>YOUR WATER</u>	<u>RANGE</u>	<u>MCLG</u>
Alpha Emitters	15	0	no range	0
Nitrate (ppm)	10	<1.00	NA	10
Fluoride (ppm)	4	0.94	0.22-1.68	4
Nickel (ppm)	0.1	<0.010	<0.01-0.012	0.1
Turbidity (NTU)	TT = 1 NTU	0.26	NA	NA
Sulfate	Secondary – 250	43.4	NA	NA
Copper (ppm)	1.3	0.083	0.01-0.271	1.3
Lead (ppb)	15	ND		0
TTHM (ppb)	80 (RYA)	0.049 (RYA)	0.022-0.063	0
HAA5 (ppb)	60 (RYA)	0.042 (RYA)	0.0231-0.0720	N/A
Chloramines (ppm)	MRDL = 4	2.85	2.62-2.99	MRDLG = 4
Dalapon	200	0.0029	<1-1.2	200
Atrazine (ppb)	3	0.00014		3
TOC	TT	1.32	1.2-1.37	>1.0
Manganese (ppm)	Secondary – 0.05	0.029	NA	NA
Sodium (ppm)	Secondary – NA	39.25	NA	NA
pH	Secondary – 6.5 -8.5	7.8	NA	NA
Total Coliform	Violation - N	0	NA	NA
Fecal Coliform	Violation – N	0	NA	NA

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Permit No.

Edgecombe County  
Water & Sewer  
PO Box 10  
Tarboro, NC 27886

**ANNUAL DRINKING  
WATER QUALITY REPORT**



**EDGECOMBE COUNTY  
WATER AND SEWER**